

Appl. No. 09/935,885
Amendment and/or Response
Reply to Office action of 23 September 2005

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Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-21 (Canceled)

22. (New) A method of facilitating broadcast channel surfing, comprising:

receiving current broadcast signals from at least one broadcast channel, the broadcast signals being configured to enable viewing of video information at a first quality level,

processing the broadcast signals into surfing signals, the surfing signals being configured to enable viewing of corresponding video information at a second quality level that is substantially poorer than the first quality level, and

broadcasting the surfing signals substantially concurrent in time with the corresponding broadcast signals that are being broadcast from the at least one broadcast channel, to enable viewing of the surfing signals at a remote device at a time of surfing that is not substantially different from a time of broadcasting the corresponding broadcast signals from the at least one broadcast channel.

23. (New) The method of claim 22, wherein

broadcasting the surfing signals includes providing substantially continuous access to the surfing signals at one or more Internet addresses.

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24. (New) The method of claim 23, wherein
the broadcast signals correspond to a plurality of broadcast transmissions
from a plurality of broadcast channels, and
the surfing signals are accessed via a plurality of Internet addresses, each
address of the plurality of Internet addresses corresponding to each broadcast
channel of the plurality of broadcast channels.
25. (New) The method of claim 22, wherein
the surfing signals are configured to facilitate reception via a portable device.
26. (New) The method of claim 22, wherein
broadcasting the surfing signals uses substantially less bandwidth than a
broadcast of the broadcast signals.
27. (New) The method of claim 22, wherein
the broadcast signals correspond to a plurality of broadcast transmissions
from a plurality of broadcast channels, and
the surfing signals correspond to a plurality of surf signals, each surf signal of
the plurality of surf signals corresponding to each broadcast transmission from the
plurality of broadcast channels.
28. (New) The method of claim 27, wherein
the broadcasting of the surfing signals is configured to facilitate selective
reception of each surf signal.
29. (New) The method of claim 22, wherein
the processing of the broadcast signals includes:
identifying key frames in the broadcast signals, and
forming the surfing signals from the key frames.

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30. (New) The method of claim 22, wherein

the first and second quality levels are based on at least one of:

an image resolution, and

a frame rate.

31. (New) A server that facilitates broadcast channel surfing, comprising:

a receiving system that is configured to receive current broadcast signals from at least one broadcast channel, the broadcast signals being configured to enable viewing of video information at a first quality level,

a processor that is configured to process the broadcast signals to form surfing signals, the surfing signals being configured to enable viewing of corresponding video information at a second quality level that is substantially poorer than the first quality level, and

a transmission system that is configured to broadcast the surfing signals substantially concurrent in time with the corresponding broadcast signals that are being broadcast from the at least one broadcast channel, to enable viewing of the surfing signals at a remote device at a time of surfing that is not substantially different from a time of broadcasting the corresponding broadcast signals from the at least one broadcast channel.

32. (New) The server of claim 31, wherein

the transmission system includes an Internet web-server, and broadcasting the surfing signals includes providing substantially continuous access to the surfing signals at one or more Internet addresses.

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33. (New) The server of claim 32, wherein
the broadcast signals correspond to a plurality of broadcast transmissions from a plurality of broadcast channels, and
the surfing signals are accessed via a plurality of Internet addresses, each address of the plurality of Internet addresses corresponding to each broadcast channel of the plurality of broadcast channels.
34. (New) The server of claim 31, wherein
the surfing signals are configured to facilitate reception via a portable device.
35. (New) The server of claim 31, wherein
broadcasting the surfing signals uses substantially less bandwidth than a broadcast of the broadcast signals.
36. (New) The server of claim 31, wherein
the broadcast signals correspond to a plurality of broadcast transmissions from a plurality of broadcast channels, and
the surfing signals correspond to a plurality of surf signals, each surf signal of the plurality of surf signals corresponding to each broadcast transmission from the plurality of broadcast channels.
37. (New) The server of claim 36, wherein
the transmission system is configured to broadcast the surfing signals so as to facilitate selective reception of each surf signal.
38. (New) The server of claim 31, wherein
the processor is configured to:
identify key frames in the broadcast signals, and
form the surfing signals based on the key frames.

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39. (New) A portable device that is configured to facilitate broadcast channel surfing, comprising:

a receiver that is configured to access a server via an Internet connection, the server having multiple associated Internet addresses, each address corresponding to an associated broadcast channel; and

a browser that is configured to access each of a plurality of the Internet addresses at a given rate, to provide thereby sequential images corresponding to each corresponding broadcast channel.

40. (New) The portable device of claim 39, wherein

the images correspond a transform of broadcast images to surfing images that require substantially less bandwidth for communication than the broadcast images.

41. (New) The portable device of claim 40, wherein

the images differ substantially from the broadcast images with relation to at least one of: quality, resolution, and frame-rate.